

Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-82 (canceled)

Claim 83 (currently amended): A data processing apparatus for processing media content comprised of a plurality of scenes, said apparatus comprising:

an input unit operable to input ~~content~~ context description data including a plurality of segments each for describing one of said plurality of scenes of media content, said ~~content~~ context description data also including a plurality of importance attributes each associated with a corresponding one of said plurality of segments, said importance attributes having a value representing a degree of contextual importance of said corresponding one of said plurality of segments; and

an output unit operable to output at least one of said segments based on at least one of said importance attributes.

Claim 84 (currently amended): A data processing apparatus according to claim 83, wherein said ~~content~~ context description data further includes a plurality of time attributes each associated with one of said plurality

of segments for determining a start time and one of an end time and a duration of said one of said plurality of segments in relation to said media content.

Claim 85 (previously presented): The data processing apparatus according to claim 83, wherein said plurality of segments are hierarchically described.

Claim 86 (currently amended): The data processing apparatus according to claim 83, wherein said ~~content~~ context description data further includes supplemental information.

Claim 87 (previously presented): The data processing apparatus according to claim 83, wherein the media content corresponds to video data and/or audio data.

Claim 88 (previously presented): The data processing apparatus according to claim 83, wherein said context description data further includes linkage information for linking to dominant data that represents at least one of said segments.

Claim 89 (previously presented): The data processing apparatus according to claim 88, wherein said dominant data is one or more of text data, image data and audio data.

Claim 90 (previously presented): The data processing apparatus according to claim 83, wherein said context description data is previously generated outside of said data processing apparatus prior to said inputting.

Claim 91 (previously presented): The data processing apparatus according to claim 83, wherein said outputting is in response to a user query regarding the context.

Claim 92 (currently amended): A data processing method for processing media content comprised of a plurality of scenes, said method comprising the steps of:

inputting ~~content~~ context description data including a plurality of segments each for describing one of said plurality of scenes of media content, said ~~content~~ context description data also including a plurality of importance attributes each associated with a corresponding one of said plurality of segments, said plurality of importance attributes having a value representing a degree of contextual importance of said corresponding one of said plurality of segments; and

outputting at least one of said segments based on at least one of said importance attributes.

Claim 93 (currently amended): A data processing method according to claim 92, wherein said ~~content~~ context description data further includes a plurality of time

attributes each associated with one of said plurality of segments for determining a start time and one of an end time and a duration of said one of said plurality of segments in relation to said media content.

Claim 94 (previously presented): The data processing method according to claim 92, wherein said plurality of segments are hierarchically described.

Claim 95 (currently amended): The data processing method according to claim 92, wherein said ~~content~~ context description data includes supplemental information.

Claim 96 (previously presented): The data processing method according to claim 92, wherein the media content corresponds to video data and/or audio data.

Claim 97 (previously presented): The data processing method according to claim 92, wherein said context description data further includes linkage information for linking to dominant data that represents at least one of said plurality of segments.

Claim 98 (previously presented): The data processing method according to claim 97, wherein said dominant data is one or more of text data, image data and audio data.

Claim 99 (previously presented): The data processing method according to claim 92, wherein said context description data is previously generated prior said inputting.

Claim 100 (previously presented): The data processing method according to claim 92, wherein said outputting is in response to a user query regarding the context.

Claim 101 (previously presented): A data processing apparatus comprising:

input means for inputting hierarchically arranged context description data that describes a plurality of scenes of the media contents of one or more media files, said context description data including:

a plurality of segment elements each for describing one of said plurality of scenes,

a plurality of section elements each having either one or more of said plurality of section elements as children, or having one or more of said plurality of segment elements as children,

a plurality of context attributes each having a value for describing a corresponding context of said media content and each being an attribute associated with one or more of said segment elements and including at least one keyword for describing the

contents of the scenes described by the associated one or more of said segment elements,

a plurality of importance attributes each associated with a corresponding one of said segment elements and having a value representing a degree of importance of the scene corresponding to said corresponding segment element in relation to one context attribute that is also associated with corresponding segment element, and

a plurality of time attributes each associated with one of said plurality of segments for determining a start time and one of an end time and a duration of said one of said plurality of segments in relation to the media content;

and

selection means for selecting one or more of said segment elements based on an analysis of one or more of said context attributes and the associated importance attributes, wherein

one or more of said plurality of scenes is selected based on the selected segment elements and the segment element(s)' start time attribute(s) and the end time or duration attribute(s).

Claim 102 (previously presented): The apparatus of claim 101, wherein said section elements are each associated with some corresponding portion of said media

contents, and wherein said context description data further includes:

another plurality of context attributes each having a value for describing a corresponding context of said media content and each being an attribute associated with one or more of said section elements and including at least one keyword for describing the contents of the corresponding portion described by the associated one or more of said section elements, and

another plurality of importance attributes each associated with a corresponding one of said section elements and having a value representing a degree of importance of the portion corresponding to said corresponding section element in relation to one of the another context attributes that is also associated with the corresponding section element.

Claim 103 (previously presented): The apparatus of claim 102, wherein each segment element can be a child of only one section element, and wherein each section element can be a child of only one other section element, and further wherein when a child of any of said section elements includes a segment, that section element can only have additional segment elements as children.

Claim 104 (previously presented): The apparatus of claim 103, wherein a given section element describes that

portion of the media contents that is described by the compilation of the children elements of said given section element.